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(71) Applicant: **FUJI XEROX CO LTD**

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(54) **STITCHING DEVICE OF INK JET PRINTER**

(57) Abstract:

PURPOSE: To make an ink jet printer small in size at least in the width's direction of a recording paper, by a method wherein a plurality of drop sensors are spaced a predetermined distance away from respective actual stitch points on the side of a nozzle or on the opposite side of the nozzle.

CONSTITUTION: Drop sensors 1 are disposed alternatively on positions 15 spaced a predetermined distance L1 away from stitch points 6 on a recording paper 7 on the side of a nozzle 100 or on positions 16 spaced a predetermined distance L2 away on the opposite side of the nozzle 100. From the charge voltage of an ink drop 9 when the ink drop 9 passes through the drop sensor 1, the charge voltage of the ink drop 9 when the ink drop 9 passes through the actual stitch point 6 is arithmetically obtained. In this manner, stitching can be conducted without disposing projectedly the drop

sensor 1 at one end portion of the recording paper 7, which enables the stitching device as well as the ink jet printer to be made small in size at least in the width's direction of the recording paper 7.

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